

Descriptions of two new species of the Ceracini (Lepidoptera, Tortricidae)

Atsushi KAWABE

Juntoku Gakuen, 2-11, Senju, Adachi-ku, Tokyo, 120 Japan

Abstract Two new species, *Pentacitrotus maculatus*, *Cerace vietnamna*, are described.

Key words Lepidoptera, Tortricidae, *Pentacitrotus*, *Cerace*, Nepal, Vietnam, taxonomy.

In the present paper I describe two new species of the tribe Ceracini, Tortricidae: one from Nepal belonging to the genus *Pentacitrotus* Butler, 1881, and the other from North Vietnam to the genus *Cerace* Walker, 1863.

In writing this short paper I must express my cordial thanks to Dr Hiroshi Inoue, Iruma City, for his kindness extended to me in various ways. My thanks are also due to Messrs K. Fujisawa, Matsumoto and Y. Kishida, Tokyo, for providing me with valuable specimens for this study.

Pentacitrotus maculatus sp. nov. (Fig. 1)

♀. Length of forewing about 15 mm. Head and thorax blackish purple. Antenna dark gray, above whitish, black-ringed. Labial palpus short, blackish purple. Legs dark gray, all segments with white apical rings.

Forewing orange-lilac, margined with a narrow black line along apical 1/4 of costa; markings black, bordered with narrow leaden metallic lines; sub-basal fascia from 1/5 of costa to about 1/3 of dorsum, connected by a narrow black line along basal dorsum; a small dot at above margin of cell between veins 11 and 10; a round patch at terminal area between veins 3 and 7, and a small semicircular dorsal patch at 2/3 of dorsum; fringe paler than the ground color of wing. Hindwing crimson-orange or dark reddish orange; markings brownish black; a narrow line along vein 1b, connected with a large premarginal patch on basidorsal half; a small dot at near apical portion; fringe concolorous with wing.

♀-genitalia (Fig. 3). Sterigma a narrow plate, with thick lateral projections rounded apically; ostium rather narrow; ductus bursae moderate; corpus bursae ovate; signum a

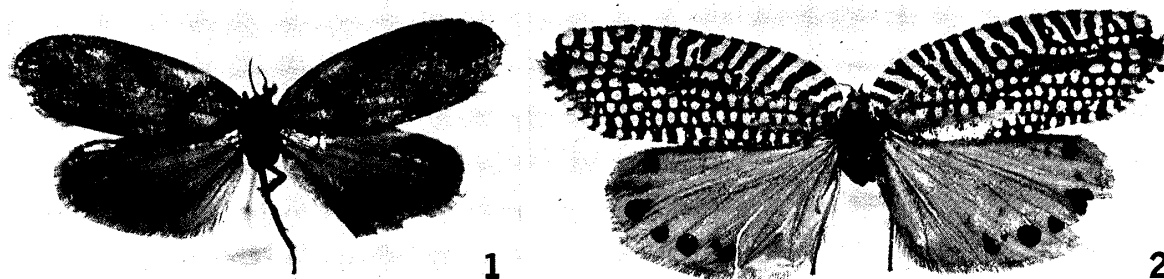
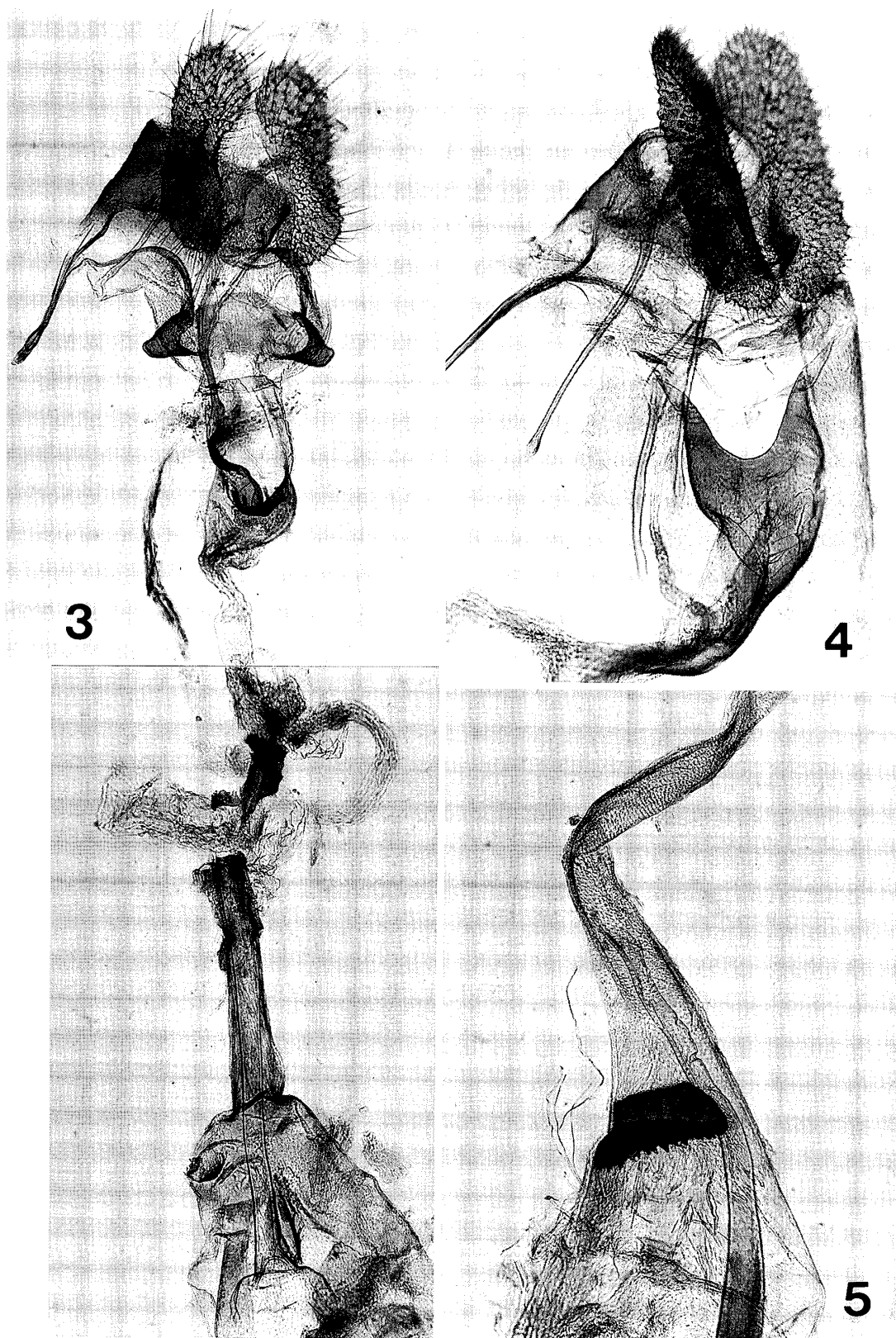


Fig. 1. *Pentacitrotus maculatus* sp. nov., holotype, ♀. Fig. 2. *Cerace vietnamna* sp. nov., holotype, ♀.



Figs 3-5. Female genitalia. 3. *Pentacitrotus maculatus* sp. nov., holotype. Slide No. 5537.
4. *Cerace vietnamna* sp. nov., holotype, sterigma and colliculum. 5. *Ditto*, corpus bursae and signum. Slide No. 5538.

moderate elongate plate.

Holotype : ♀, Nepal, Dhulikhel, 5. VIII. 1974, S. Yamaguchi & T. Aoki leg. Slide No. 5537. In the collection of A. Kawabe.

♂. Unknown.

Distribution. Nepal.

Notes. At first sight this is related to *Pentacitrotus vulneratus* Butler, 1881, from India, and *P. quercivorus* Diakonoff, 1950, from NE. Himalaya, but easily distinguished from them by the following points: markings of both wings; lateral projection of sterigma thicker, rounded apically.

***Cerace vietnamna* sp. nov. (Fig. 2)**

♀. Length of forewing about 20 mm. Head and thorax yellow, mixed with brownish black scales. Antenna yellowish, annulated with grayish brown above; its scape brownish black. Labial palpus short, black, tinged with yellowish scales at the lower and apical edges of median segment. Abdomen yellowish orange.

Forewing ground color yellow; a narrow, dark crimson streak running from base to terminal patch, slightly widened in cell; terminal patch dark crimson, yellow below; costa throughout with many narrow brownish black streaks almost arranging in a row; the remaining dorsal area minutely reticulated with brownish black; fringe pale yellow, with some minute blackish dots. Hindwing bright yellowish orange, with five small blackish dots along edge between veins 8 and 1b; fringe concolorous with wing.

♀-genitalia (Figs. 4, 5). Sterigma rather small, narrow cup-shaped, turned to the left; colliculum rather narrow; ductus bursae rather thin; corpus bursae narrow, long; signum a concave plate with small dentations at near entrance of corpus bursae.

Holotype : ♀, North Vietnam, Mt. Tam Dao, 20-31. VII. 1990, Mizunuma leg. Slide No. 5538. In the collection of A. Kawabe.

♂. Unknown.

Distribution. North Vietnam.

Notes. This species is somewhat similar to *Cerace xanthocosma* Diakonoff, 1950, from Japan, in superficial appearance, but easily recognizable from it by smaller size, markings of hindwing, narrower sterigma and corpus bursae, and shallower posterior edge of ostium.

References

- Diakonoff, A., 1950. A revision of the family Ceracidae (Lepidoptera, Tortricoidae). *Bull. Br. Mus. nat. Hist. (Ent.)* 1: 171-219.
- , 1970. Notes on the Ceracini (Lepidoptera, Tortricidae). *Tijdschr. Ent. Leiden* 113: 91-103, pl. 1.
- Kawabe, A., 1991. Notes on the species of the Ceracini of the world (Lepidoptera, Tortricidae). *J. nat. Hist. Japan* 1: 1-8, 3 pls.
- , 1993. A new species of *Bathypluta* Diakonoff from Sulawesi (Tortricidae). *Tyô Ga* 43: 237-238.

摘 要

ビロウドハマキガの2新種の記載 (川辺 湛)

Pentacitrotus maculatus Kawabe: ネパールからの1雌に基づき記載した。同じくネパール地方から知られる *P. vulneratus* や *P. quercivorus* と、色彩や斑紋様式において近似するが、両翅の斑紋様式が異なること、雌交尾器の sterigma の側方突起が太く、先端が丸いことで簡単に識別できる。

Cerace vietnamna Kawabe: 北ベトナムで採れた1雌で記載した。一見、*Cerace xanthocosma* に表徴は似ているが、小型であること、後翅の斑紋が単純で縁に沿った5個の小紋だけとなること、雌交尾器の sterigma のカップはより細く、ostium の後縁の窪みは浅いことで区別は容易である。

(Accepted June 5, 1993)